RAW SEQUENCE LISTING

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Application Serial Number: 10 522,427

Source: PCT

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PCT

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          RAW SEQUENCE LISTING              DATE: 03/01/2005
          PATENT APPLICATION:  US/10/522,427    TIME: 10:00:50

          Input Set : A:\pto.kd.txt
          Output Set: N:\CRF4\03012005\J522427.raw

        3 <110> APPLICANT: Commonwealth Scientific and Industrial Research Organisation
W-->    4 <120> TITLE OF INVENTION: Expression system
W-->    5 <130> FILE REFERENCE: 13447210
C-->    6 <140> CURRENT APPLICATION NUMBER: US/10/522,427
C-->    6 <141> CURRENT FILING DATE: 2005-01-25
W-->    6 <160> NUMBER OF SEQ ID: 40
        7 <170> SOFTWARE: PatentIn version 3.2
        9 <210> SEQ ID NO: 1
       10 <211> LENGTH: 30
       11 <212> TYPE: PRT
       12 <213> ORGANISM: Artificial Sequence
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W-->   15 <400> SEQUENCE: 1
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       18 Ala Ser Ala Leu Ala Leu Thr Val Ala Pro Met Ala Lys Ala
       19              20                  25                  30
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       22 <211> LENGTH: 46
       23 <212> TYPE: PRT
       24 <213> ORGANISM: Artificial Sequence
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       30 1               5                   10                  15
       31 Met Ala Asp Ala Ala Arg Ala Val Gly Val Ala Cys Leu Gly Gly Phe
       32              20                  25                  30
       33 Ser Leu Ala Ala Leu Val Arg Thr Ala Ser Pro Val Asp Ala
       34          35                  40                  45
       36 <210> SEQ ID NO: 3
       37 <211> LENGTH: 41
       38 <212> TYPE: PRT
       39 <213> ORGANISM: Artificial Sequence
W-->   40 <220> FEATURE:
       41 <223> OTHER INFORMATION: signal sequence
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       44 1               5                   10                  15
       45 Asp Val Val Arg Thr Ala Gly Gly Leu Ala Ala Val Gly Val Ala Leu
       46              20                  25                  30
       47 Gly Leu Gln Gln Gln Thr Ala Arg Ala
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RAW SEQUENCE LISTING   DATE: 03/01/2005
PATENT APPLICATION: US/10/522,427   TIME: 10:00:50

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\03012005\J522427.raw

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       58 1               5                   10                  15
       59 Ala Val Ser Gly Thr Ala Gly Arg Val Val Ala
       60               20                  25
       62 <210> SEQ ID NO: 5
       63 <211> LENGTH: 27
       64 <212> TYPE: PRT
       65 <213> ORGANISM: Artificial Sequence
W--> 66 <220> FEATURE:
       67 <223> OTHER INFORMATION: signal sequence
W--> 68 <400> SEQUENCE: 5
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       70 1               5                   10                  15
       71 Ala Thr Val Ala Thr Ala Gly Thr Ala Lys Ala
       72               20                  25
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       75 <211> LENGTH: 37
       76 <212> TYPE: PRT
       77 <213> ORGANISM: Artificial Sequence
W--> 78 <220> FEATURE:
       79 <223> OTHER INFORMATION: signal sequence
W--> 80 <400> SEQUENCE: 6
       81 Met Ser Glu Lys Asp Lys Met Ile Thr Arg Arg Asp Ala Leu Arg Asn
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       84               20                  25                  30
       85 Gly Val Ala Asp Ala
       86             35
       88 <210> SEQ ID NO: 7
       89 <211> LENGTH: 34
       90 <212> TYPE: PRT
       91 <213> ORGANISM: Artificial Sequence
W--> 92 <220> FEATURE:
       93 <223> OTHER INFORMATION: signal sequence
W--> 94 <400> SEQUENCE: 7
       95 Met Gln Ile Val Asn Leu Thr Arg Arg Gly Phe Leu Lys Ala Ala Cys
       96 1               5                   10                  15
       97 Val Val Thr Gly Gly Ala Leu Ile Ser Ile Arg Met Thr Gly Lys Ala
       98               20                  25                  30
       99 Val Ala
       102 <210> SEQ ID NO: 8
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        105 <213> ORGANISM: Artificial Sequence
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        109 Met Asn Asn Glu Glu Thr Phe Tyr Gln Ala Met Arg Arg Gln Gly Val
        110 1               5                  10                  15
        111 Thr Arg Arg Ser Phe Leu Lys Tyr Cys Ser Leu Ala Ala Thr Ser Leu
        112             20                  25                  30
        113 Gly Leu Gly Ala Gly Met Ala Pro Lys Ile Ala Trp Ala
        114         35                  40                  45
        116 <210> SEQ ID NO: 9
        117 <211> LENGTH: 48
        118 <212> TYPE: PRT
        119 <213> ORGANISM: Artificial Sequence
W--> 120 <220> FEATURE:
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        123 Met Ser Thr Gly Thr Thr Asn Leu Val Arg Thr Leu Asp Ser Met Asp
        124 1               5                  10                  15
        125 Phe Leu Lys Met Asp Arg Arg Thr Phe Met Lys Ala Val Ser Ala Leu
        126             20                  25                  30
        127 Gly Ala Thr Ala Phe Leu Gly Thr Tyr Gln Thr Glu Ile Val Asn Ala
        128         35                  40                  45
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        133 <213> ORGANISM: Artificial Sequence
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        138 1               5                  10                  15
        139 Glu Arg Arg Gly Val Ser Arg Arg Asp Phe Met Lys Phe Cys Thr Ala
        140             20                  25                  30
        141 Val Ala Val Ala Met Gly Met Gly Pro Ala Phe Ala Pro Lys Val Ala
        142         35                  40                  45
        143 Glu Ala
        144     50
        146 <210> SEQ ID NO: 11
        147 <211> LENGTH: 26
        148 <212> TYPE: PRT
        149 <213> ORGANISM: Artificial Sequence
W--> 150 <220> FEATURE:
        151 <223> OTHER INFORMATION: signal sequence
W--> 152 <400> SEQUENCE: 11
        153 Met Asn Arg Arg Asn Phe Ile Lys Ala Ala Ser Cys Gly Ala Leu Leu
        154 1               5                  10                  15
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RAW SEQUENCE LISTING   DATE: 03/01/2005
PATENT APPLICATION: US/10/522,427   TIME: 10:00:50

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\03012005\J522427.raw

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155 Thr Gly Ala Leu Pro Ser Val Ser His Ala
156              20                  25
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160 <212> TYPE: PRT
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W--> 162 <220> FEATURE:
163 <223> OTHER INFORMATION: signal sequence
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165 Met Ser His Ala Asp Glu His Ala Gly Asp His Gly Ala Thr Arg Arg
166 1               5                  10                  15
167 Asp Phe Leu Tyr Tyr Ala Thr Ala Gly Ala Gly Thr Val Ala Ala Gly
168              20                  25                  30
169 Ala Ala Ala Trp Thr Leu Val Asn Gln Met Asn Pro
170          35                  40
172 <210> SEQ ID NO: 13
173 <211> LENGTH: 44
174 <212> TYPE: PRT
175 <213> ORGANISM: Artificial Sequence
W--> 176 <220> FEATURE:
177 <223> OTHER INFORMATION: signal sequence
W--> 178 <400> SEQUENCE: 13
179 Met Thr Gln Ile Ser Gly Ser Pro Asp Val Pro Asp Leu Gly Arg Arg
180 1               5                  10                  15
181 Gln Phe Met Asn Leu Leu Thr Phe Gly Thr Ile Thr Gly Val Ala Ala
182              20                  25                  30
183 Gly Ala Leu Tyr Pro Ala Val Lys Tyr Leu Ile Pro
184          35                  40
186 <210> SEQ ID NO: 14
187 <211> LENGTH: 32
188 <212> TYPE: PRT
189 <213> ORGANISM: Artificial Sequence
W--> 190 <220> FEATURE:
191 <223> OTHER INFORMATION: signal sequence
W--> 192 <400> SEQUENCE: 14
193 Met Asp Arg Arg Thr Phe Leu Arg Leu Tyr Leu Leu Val Gly Ala Ala
194 1               5                  10                  15
195 Ile Ala Val Ala Pro Val Ile Lys Pro Ala Leu Asp Tyr Val Gly Tyr
196              20                  25                  30
198 <210> SEQ ID NO: 15
199 <211> LENGTH: 42
200 <212> TYPE: PRT
201 <213> ORGANISM: Artificial Sequence
W--> 202 <220> FEATURE:
203 <223> OTHER INFORMATION: signal sequence
W--> 204 <400> SEQUENCE: 15
205 Met Thr Lys Leu Ser Gly Gln Glu Leu His Ala Glu Leu Ser Arg Arg
206 1               5                  10                  15
207 Ala Phe Leu Ser Tyr Thr Ala Ala Val Gly Ala Leu Gly Leu Cys Gly
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```
       208              20                  25                  30
       209 Thr Ser Leu Leu Ala Gln Gly Ala Arg Ala
       210          35                  40
       212 <210> SEQ ID NO: 16
       213 <211> LENGTH: 31
       214 <212> TYPE: PRT
       215 <213> ORGANISM: Artificial Sequence
W-->   216 <220> FEATURE:
       217 <223> OTHER INFORMATION: signal sequence
W-->   218 <400> SEQUENCE: 16
       219 Met Thr Leu Thr Arg Arg Glu Phe Ile Lys His Ser Gly Ile Ala Ala
       220 1               5                  10                  15
       221 Gly Ala Leu Val Val Thr Ser Ala Ala Pro Leu Pro Ala Trp Ala
       222          20                  25                  30
       224 <210> SEQ ID NO: 17
       225 <211> LENGTH: 31
       226 <212> TYPE: PRT
       227 <213> ORGANISM: Artificial Sequence
W-->   228 <220> FEATURE:
       229 <223> OTHER INFORMATION: signal sequence
W-->   230 <400> SEQUENCE: 17
       231 Met Thr Ile Ser Arg Arg Asp Leu Leu Lys Ala Gln Ala Ala Gly Ile
       232 1               5                  10                  15
       233 Ala Ala Met Ala Ala Asn Ile Pro Leu Ser Ser Gln Ala Pro Ala
       234          20                  25                  30
       236 <210> SEQ ID NO: 18
       237 <211> LENGTH: 32
       238 <212> TYPE: PRT
       239 <213> ORGANISM: Artificial Sequence
W-->   240 <220> FEATURE:
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W-->   242 <400> SEQUENCE: 18
       243 Met Ser Glu Ala Leu Ser Gly Arg Gly Asn Asp Arg Arg Lys Phe Leu
       244 1               5                  10                  15
       245 Lys Met Ser Ala Leu Ala Gly Val Ala Gly Val Ser Gln Ala Val Gly
       246          20                  25                  30
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       249 <211> LENGTH: 45
       250 <212> TYPE: PRT
       251 <213> ORGANISM: Artificial Sequence
W-->   252 <220> FEATURE:
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       255 Met Lys Thr Lys Ile Pro Asp Ala Val Leu Ala Ala Glu Val Ser Arg
       256 1               5                  10                  15
       257 Arg Gly Leu Val Lys Thr Thr Ala Ile Gly Gly Leu Ala Met Ala Ser
       258          20                  25                  30
       259 Ser Ala Leu Thr Leu Pro Phe Ser Arg Ile Ala His Ala
       260          35                  40                  45
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VERIFICATION SUMMARY   DATE: 03/01/2005
PATENT APPLICATION: **US/10/522,427**   TIME: 10:00:51

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\03012005\J522427.raw**

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L:4 M:283 W: Missing Blank Line separator, <120> field identifier
L:5 M:283 W: Missing Blank Line separator, <130> field identifier
L:6 M:270 C: Current Application Number differs, Replaced Current Application No
L:6 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:6 M:283 W: Missing Blank Line separator, <160> field identifier
L:13 M:283 W: Missing Blank Line separator, <220> field identifier
L:15 M:283 W: Missing Blank Line separator, <400> field identifier
L:25 M:283 W: Missing Blank Line separator, <220> field identifier
L:27 M:283 W: Missing Blank Line separator, <400> field identifier
L:40 M:283 W: Missing Blank Line separator, <220> field identifier
L:42 M:283 W: Missing Blank Line separator, <400> field identifier
L:54 M:283 W: Missing Blank Line separator, <220> field identifier
L:56 M:283 W: Missing Blank Line separator, <400> field identifier
L:66 M:283 W: Missing Blank Line separator, <220> field identifier
L:68 M:283 W: Missing Blank Line separator, <400> field identifier
L:78 M:283 W: Missing Blank Line separator, <220> field identifier
L:80 M:283 W: Missing Blank Line separator, <400> field identifier
L:92 M:283 W: Missing Blank Line separator, <220> field identifier
L:94 M:283 W: Missing Blank Line separator, <400> field identifier
L:106 M:283 W: Missing Blank Line separator, <220> field identifier
L:108 M:283 W: Missing Blank Line separator, <400> field identifier
L:120 M:283 W: Missing Blank Line separator, <220> field identifier
L:122 M:283 W: Missing Blank Line separator, <400> field identifier
L:134 M:283 W: Missing Blank Line separator, <220> field identifier
L:136 M:283 W: Missing Blank Line separator, <400> field identifier
L:150 M:283 W: Missing Blank Line separator, <220> field identifier
L:152 M:283 W: Missing Blank Line separator, <400> field identifier
L:162 M:283 W: Missing Blank Line separator, <220> field identifier
L:164 M:283 W: Missing Blank Line separator, <400> field identifier
L:176 M:283 W: Missing Blank Line separator, <220> field identifier
L:178 M:283 W: Missing Blank Line separator, <400> field identifier
L:190 M:283 W: Missing Blank Line separator, <220> field identifier
L:192 M:283 W: Missing Blank Line separator, <400> field identifier
L:202 M:283 W: Missing Blank Line separator, <220> field identifier
L:204 M:283 W: Missing Blank Line separator, <400> field identifier
L:216 M:283 W: Missing Blank Line separator, <220> field identifier
L:218 M:283 W: Missing Blank Line separator, <400> field identifier
L:228 M:283 W: Missing Blank Line separator, <220> field identifier
L:230 M:283 W: Missing Blank Line separator, <400> field identifier
L:240 M:283 W: Missing Blank Line separator, <220> field identifier
L:242 M:283 W: Missing Blank Line separator, <400> field identifier
L:252 M:283 W: Missing Blank Line separator, <220> field identifier
L:254 M:283 W: Missing Blank Line separator, <400> field identifier
L:266 M:283 W: Missing Blank Line separator, <220> field identifier
L:268 M:283 W: Missing Blank Line separator, <400> field identifier
L:280 M:283 W: Missing Blank Line separator, <220> field identifier
L:282 M:283 W: Missing Blank Line separator, <400> field identifier
L:292 M:283 W: Missing Blank Line separator, <220> field identifier
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VERIFICATION SUMMARY   DATE: 03/01/2005
PATENT APPLICATION: **US/10/522,427**   TIME: 10:00:51

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\03012005\J522427.raw**

L:294 M:283 W: Missing Blank Line separator, <400> field identifier
L:306 M:283 W: Missing Blank Line separator, <220> field identifier
L:308 M:283 W: Missing Blank Line separator, <400> field identifier
L:320 M:283 W: Missing Blank Line separator, <220> field identifier